



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 09/577,560  
Applicant : Kenneth Pawson et al  
Filed : May 24, 2000  
Title : Space Efficient Exhaust  
          Aftertreatment Filter  
  
TC/A.U. : 1764  
Examiner : Hien Thi Tran  
  
Docket No. : 4695-00011  
              (Formerly 4191-00014)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 11th day of February, 2004.

*Jo Ann Kuczynski* 2-11-04  
Jo Ann Kuczynski Date

AMENDMENT

Commissioner of Patents  
Mail Stop - Amendment - No Fee  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

Responsive to the Office Action mailed January 20, 2004, please amend the above identified application as set forth below.

**Amendments to the Specification** begin on page 2. In the specification, page 2, line 10, "38" has been changed to --37--, to correct a double reference character.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper. Claims 1-13, 15, 16-27, 29 have been canceled. Claims 14, 28 have been amended. The amendment leaves claims 14, 28 pending.

**Amendments to the Drawings** begin on page 6 of this paper and include an attached replacement sheet. Fig. 3 has been amended to conform with the specification and correct a double reference character.

**Remarks/Arguments** begin on page 7 of this paper.



<b>PTO/SB/17</b> (8/96)  <b>FEE TRANSMITTAL</b>  <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>COMPLETE IF KNOWN</b>																																																																																																																																																																																							
		Application Number		<b>09/577,560</b>																																																																																																																																																																																					
		Filing Date		<b>May 24, 2000</b>																																																																																																																																																																																					
		First Named Inventor		<b>Kenneth Pawson</b>																																																																																																																																																																																					
		Group Art Unit		<b>1764</b>																																																																																																																																																																																					
Examiner Name		<b>Hien Thi Tran</b>																																																																																																																																																																																							
Attorney Docket Number		<b>4695-00011 (4191-00014)</b>																																																																																																																																																																																							
<b>TOTAL AMOUNT OF PAYMENT (\$)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																							
<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																							
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number <b>01.2000</b> Account Name <b>ANDRUS, SCEALES, STARKE &amp; SAWALL, LLP</b>  <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17  <input type="checkbox"/> The Commissioner is hereby authorized to charge the issue fee and any additional fees required under 37 C.F.R. 1.18 to the above Deposit Account.. A duplicate copy hereof is enclosed.		<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for examination</td><td></td></tr><tr><td>1804</td><td>920</td><td>1804</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840</td><td>1805</td><td>1,840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for response within first month</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for response within second month</td><td></td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for response within third month</td><td></td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for response within fourth month</td><td></td></tr><tr><td>1255</td><td>2010</td><td>2255</td><td>1005</td><td>Extension for response within fifth month</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclos. Stmt.</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.29(a))</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="6" style="border-top: 1px solid black;">Other fee (specify) _____</td></tr></tbody></table>				Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for examination		1804	920	1804	920	Requesting publication of SIR prior to Examiner action		1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for response within first month		1252	420	2252	210	Extension for response within second month		1253	950	2253	475	Extension for response within third month		1254	1,480	2254	740	Extension for response within fourth month		1255	2010	2255	1005	Extension for response within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive unavoidably abandoned application		1453	1,330	2453	665	Petition to revive unintentionally abandoned application		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclos. Stmt.		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.29(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____					
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																				
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																					
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																					
1053	130	1053	130	Non-English specification																																																																																																																																																																																					
1812	2,520	1812	2,520	For filing a request for examination																																																																																																																																																																																					
1804	920	1804	920	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																					
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action																																																																																																																																																																																					
1251	110	2251	55	Extension for response within first month																																																																																																																																																																																					
1252	420	2252	210	Extension for response within second month																																																																																																																																																																																					
1253	950	2253	475	Extension for response within third month																																																																																																																																																																																					
1254	1,480	2254	740	Extension for response within fourth month																																																																																																																																																																																					
1255	2010	2255	1005	Extension for response within fifth month																																																																																																																																																																																					
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																					
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																					
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																					
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																					
1452	110	2452	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																					
1453	1,330	2453	665	Petition to revive unintentionally abandoned application																																																																																																																																																																																					
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																					
1502	480	2502	240	Design issue fee																																																																																																																																																																																					
1503	640	2503	320	Plant issue fee																																																																																																																																																																																					
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																					
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																					
1806	180	1806	180	Submission of Information Disclos. Stmt.																																																																																																																																																																																					
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																					
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.29(a))																																																																																																																																																																																					
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																					
1801	770	2801	385	Request for continued Examination (RCE)																																																																																																																																																																																					
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																					
Other fee (specify) _____																																																																																																																																																																																									
<b>1. FILING FEE</b>		<b>SUBTOTAL (1) (\$)</b>																																																																																																																																																																																							
<b>2. CLAIMS</b>		<b>SUBTOTAL (2) (\$)</b>																																																																																																																																																																																							
<b>SUBMITTED BY</b>		<b>SUBTOTAL (3)</b>																																																																																																																																																																																							
<b>Name (Print/Type)</b>		<b>Registration No.</b>		<b>Telephone</b>																																																																																																																																																																																					
<b>Signature</b>		<b>Date</b>																																																																																																																																																																																							